



WNY
Stormwater
Coalition

A Partnership to Protect Water Quality

The following communities and agencies participate in the Western New York Stormwater Coalition:

Erie County

Alden (V)	Depew (V)	Lancaster (V)
Alden (T)	East Aurora (V)	Lancaster (T)
Amherst (T)	Eden (T)	Orchard Park (V)
Angola (V)	Elma (T)	Orchard Park (T)
Aurora (T)	Evans (T)	Sloan (V)
Blasdell (V)	Grand Island (T)	Tonawanda (C)
Boston (T)	Hamburg (V)	Tonawanda (T)
Buffalo Sewer Authority	Hamburg (T)	West Seneca (T)
Cheektowaga (T)	Kenmore (V)	Williamsville (V)
Clarence (T)	Lackawanna (C)	

Niagara County

Cambria (T)	North Tonawanda (C)
Lewiston (V)	Pendleton (T)
Lewiston (T)	Porter (T)
Lockport (T)	Wheatfield (T)
Niagara (T)	Niagara Falls Water Board
Youngstown (V)	

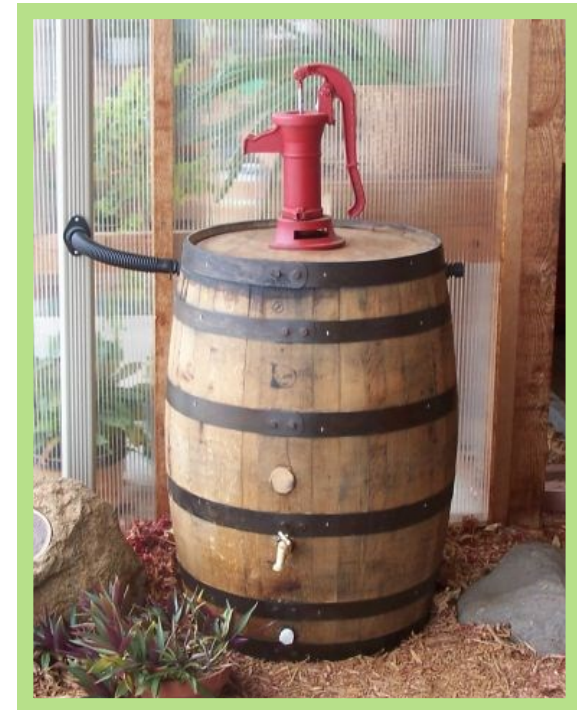
Agencies and Consultants

Erie County DEP/DPW/DSM	GHD Engineering
Niagara County DPW	JM Davidson Engineering
SUNY at Buffalo	Nussbaumer & Clarke, Inc.
Erie County Soil & Water Conservation District	Watts Engineering
Niagara Frontier Transportation Authority (NFTA)	Wendel
Clark Patterson Lee	Wm. Schutt & Associates

C: City T: Town V: Village

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Environmental Compliance Services
95 Franklin Street
Buffalo, New York 14202
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D-I-Y RAIN BARREL



Western New York Stormwater Coalition



Erie County Department of Environment & Planning



Stormwater Pollution Awareness

The more we build, the more we replace the natural landscape with hard surfaces—rooftops, asphalt and concrete. The result is an increase in stormwater runoff. Stormwater runoff is defined as rain, melted snow and ice that does not soak in to the ground. Stormwater collects in storm sewer systems and empties into our local waterways. Along the way, stormwater runoff collects many pollutants such as lawn chemicals, bacteria from pet waste and automotive fluids, which can harm water quality and aquatic life. One way to decrease stormwater pollution is to harvest the rain with a RAIN BARREL!



Rain Barrel Tips

- ◆ DO NOT DRINK THE WATER.
- ◆ Use the collected rainwater for watering lawns, gardens, potted plants (indoors & out), and for washing bicycles, patio furniture, and garden tools.
- ◆ Make sure your rain barrel is placed on a level, supportive base.
- ◆ Use your rain barrel regularly. Consistent use will keep the rain water fresh.
- ◆ Watch for damage, obstructions, and debris in the barrel and/or on the screen.
- ◆ At the end of the season **empty the rain barrel completely** and leave the spigot open **to prevent freezing and cracking**. Store the barrel upside down or indoors. At this time, you should also reconnect the downspout.

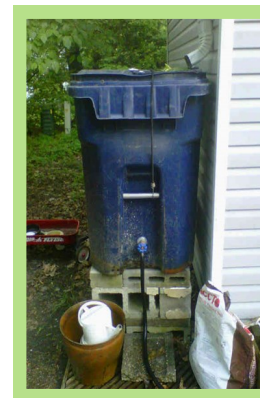
When you use a rain barrel you help improve local water quality and save water costs by recycling the rain.

A few more tips.....

1. Cut an overflow hole at the top of your barrel; you can link your overflow port to another rain barrel if desired.
2. Remember to place netting over any areas where mosquitos can gain entrance to the rain water.
3. Netting is also helpful to prevent debris from your roof from getting into the barrel.
4. Place the barrel on a stable, level surface.
A 55 gallon rain barrel will weigh over 400 lbs.

Let It Rain!

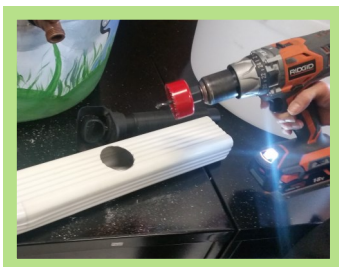
**Conserve Water
Reduce Runoff
Prevent Stormwater Pollution**



Options for Inflow

A RAIN BARREL CANNOT BE LEFT WITH AN OPEN TOP. AN OPEN BARREL IS A DROWNING HAZARD.

1. As per DIY Kit



2. Manufactured downspout diverters



3. Improvise



Tools & Supplies

It's D-I-Y Time!



Tools and supplies needed for your rain barrel will depend on the barrel you select and the style of hardware you purchase to equip it.

1. Barrel (food-grade) or Trash Can
2. Rain Barrel Hardware
 - DIY Kit
(available at stores; has everything you need)
 - Improvise your DIY
(piece together the parts on your own)
3. Drill; Hole Saw Cutters; Tape Measure; Silicone
4. Netting/Mosquito Screen
5. Safety Glasses

Rain Barrel Hardware

Converter Kit



A converter kit will have instructions exclusive to its contents. Use of individually purchased supplies will depend on the items purchased. Waterproof silicone around the outflow will help prevent leaks.

Individually Purchased



Outflow

Measure from bottom, mark the spigot hole; cut to size



For the spigot, the height from the bottom of the barrel is your choice. If you plan to elevate the rain barrel on a platform, the hole can be cut closer to the bottom, which makes it easier to drain the barrel. 10" allows space to fill a watering can.



Be sure to use the proper size hole saw cutter! A converter kit may include the size you need. Individually purchased hose bib sizes will vary.

